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FACSIMILE COVER SHEET

Date:	November 17, 2003	Fax:	703-872-9306
To:	U.S. Patent and Trademark Office	Phone:	

From:	Rachel V. Leiterman	CENTRECEIVE
Serial No.:	09/803999	CENTRAL FAX CENTE
Docket:	M-11774 US	• / ~ !
Re:	Power of attorney	2.7.2003
Pages:	3 (including cover sheet)	AFFIA
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Message:

PLEASE ENTER THE ATTACHED POWER OF ATTORNEY

The Information contained in this message is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be an attorney-client communication and may be protected by the work product doctrine. As such, this document is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and destroy any copies of this document in your possession. Thank you.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Matthijs H. Keuper

Assignee:

Lumileds Lighting U.S. LLC

Title:

Light-Emitting Diode, Lighting Device And Method Of Manufacturing

Same

Serial No.:

09/803,999

Filing Date:

March 12, 2001

Examiner:

Alexander Gilman

Group Art Unit:

2833

Docket No.:

PHNL000103

(M-11774 US)

COMMISSIONER FOR PATENTS Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

The above-identified assignee, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:



Please address all correspondence and telephone calls regarding this application to:

Rachel V. Leiterman Patent Law Group LLP 2635 North First Street, Suite 223 San Jose, California 95134-2049 Phone: (408) 382-0480

Fax: (408) 382-0481

ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee as shown below:

- 1. From: Matthijs H. Keuper. To: Lumileds Lighting B.V. The document was recorded in the Patent and Trademark Office at Reel 011880, Frame 0123.
- From: Lumileds Lighting B.V. To: Lumileds Lighting U.S. LLC. A copy of the document is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: 12/18/02	Lumileds Lighting, U.S., LLC
	By: You Durch
	Name: Lou Dadok

Title: Intellectual Property Manager

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PATENT APPLICATION ASSIGNMENT

WHEREAS, LUMILEDS LIGHTING B.V. a Kingdom of the Netherlands corporation having its principal place of business at De Rijn 2, 5680 AK Best, The Netherlands (hereinafter "Lumileds B.V."), is the owner, by assignment, of the following United States Patent Applications (hereinafter "the Applications"):

U.S. Application Serial No.	Title
09/645,939	Luminaire, Optical Element And Method Of Illuminating An Object
09/803,999	Light-Emitting Diode, Lighting Device And Method Of
	Manufacturing Same
10/144,828	Illumination System And Display Device

AND WHEREAS, LUMILEDS LIGHTING, U.S., LLC, a Delaware Limited Liability Company having its principal place of business at 370 W. Trimble Road, San Jose, CA 95131, (hereinafter "Lumileds U.S."), desires to acquire the entire right, title and interest, including the right of priority, in, to and under the Applications.

NOW, THEREFOR, Lumileds B.V. does hereby assign and transfer to Lumileds U.S. the entire right, title, and interest, including the right of priority, in, to and under the Applications and the inventions and improvements set forth therein, and any and all continuations, continuations-in-part (C-I-P's) divisionals, and renewals of and substitutes for the Applications, and any and all patents of the United States and of countries foreign thereto that may be granted thereon or therefore; and any reissues, or reexaminations, or extensions thereof.

IN WITNESS WHEREOF, Lumileds B.V. and Lumileds U.S. have caused this Assignment to be executed by their authorized representatives. Each such authorized representative hereby declares that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement s may jeopardize the validity of any patents related thereto.

LUMILEDS LIGHTING B.V.	LUMILEDS LIGHTING, U.S., LLC
By: We - Osh	By: We D. Salar
Printed Name: N T Bestage	Printed Name: N T. 3057501
Title: DIRECTOR	Title: Dieserse
Date: 11/28/07	Date: 11 20 102